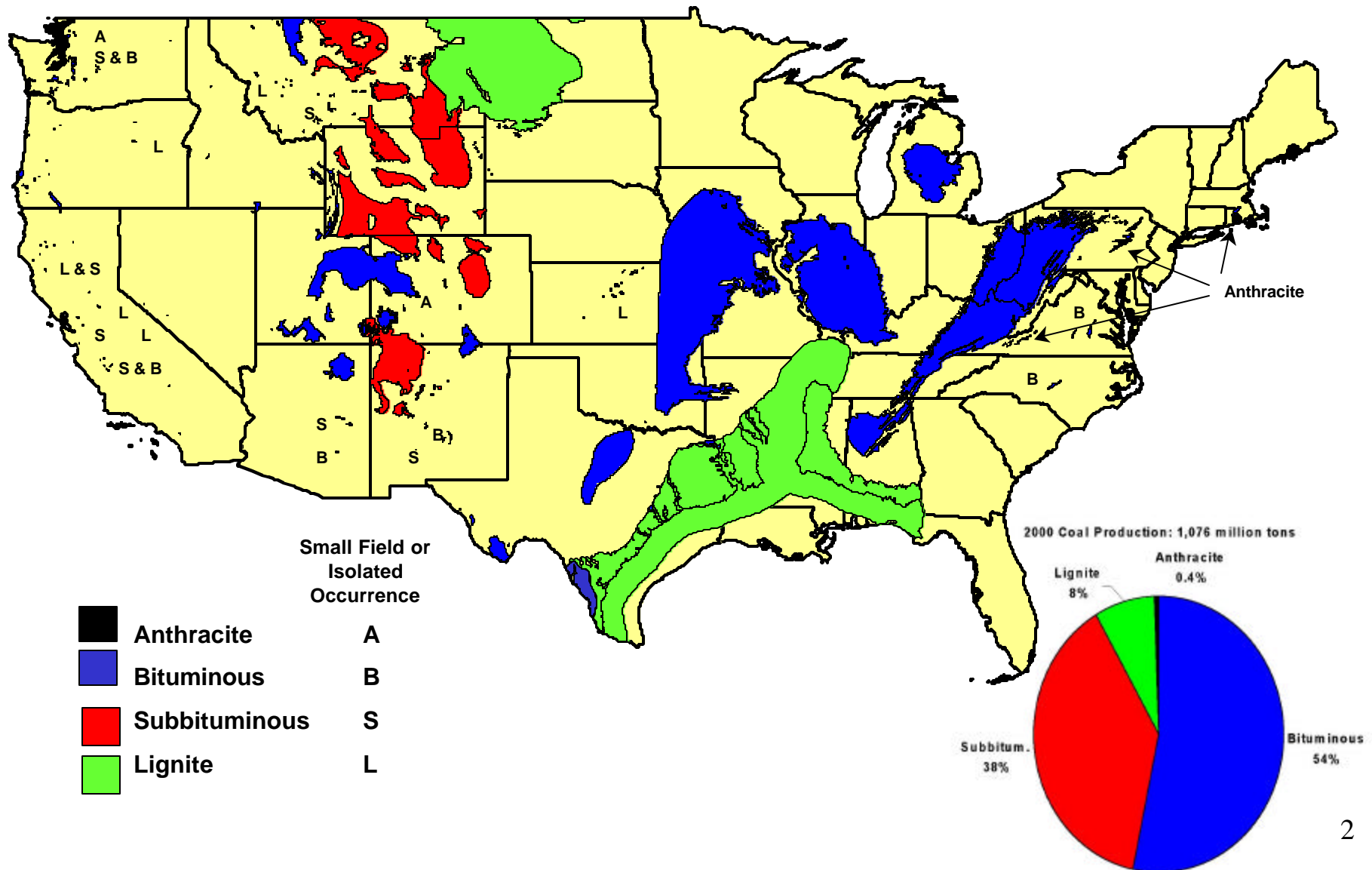


Coal and The Clear Skies Initiative

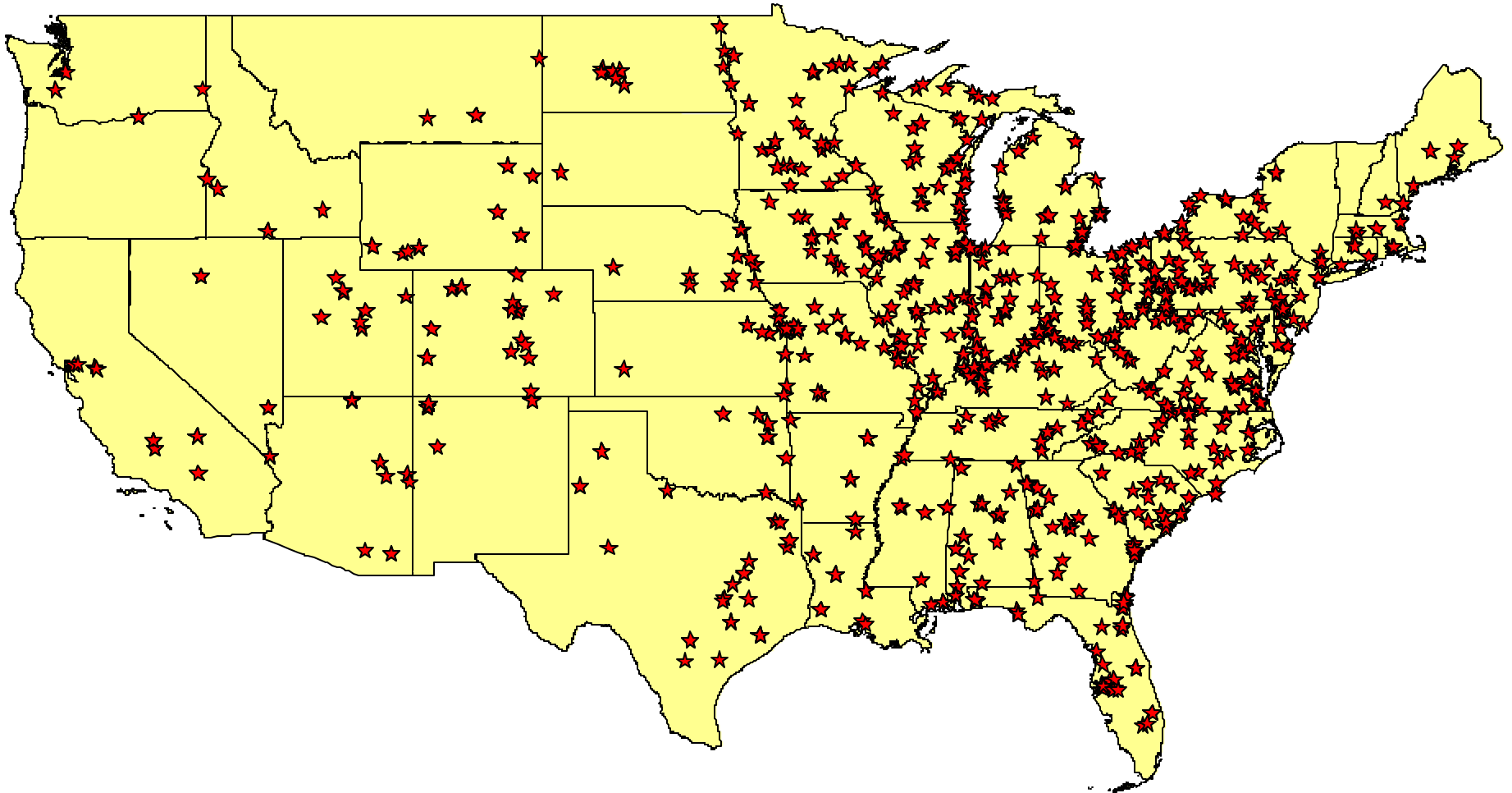


**United States Environmental
Protection Agency**

U. S. Coal Supply Regions

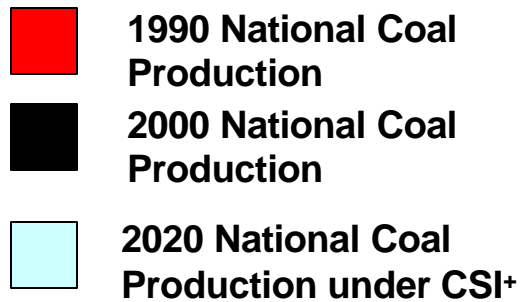


U. S. Coal Plant* Locations

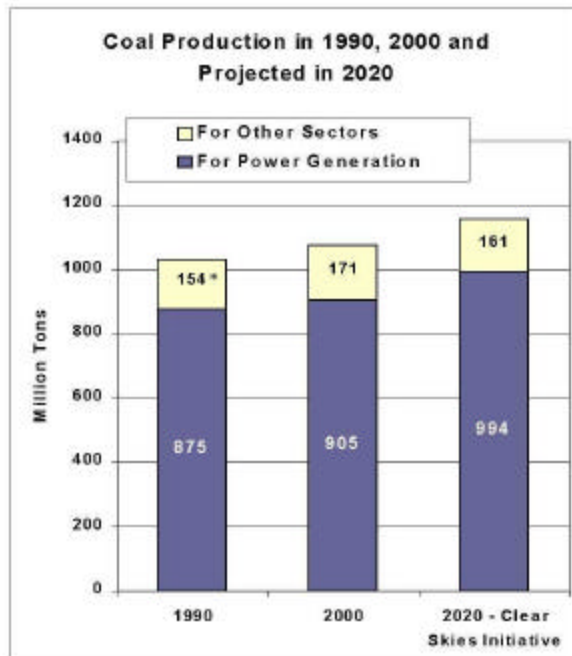


**** Electricity generating plants using coal as a primary or secondary fuel***

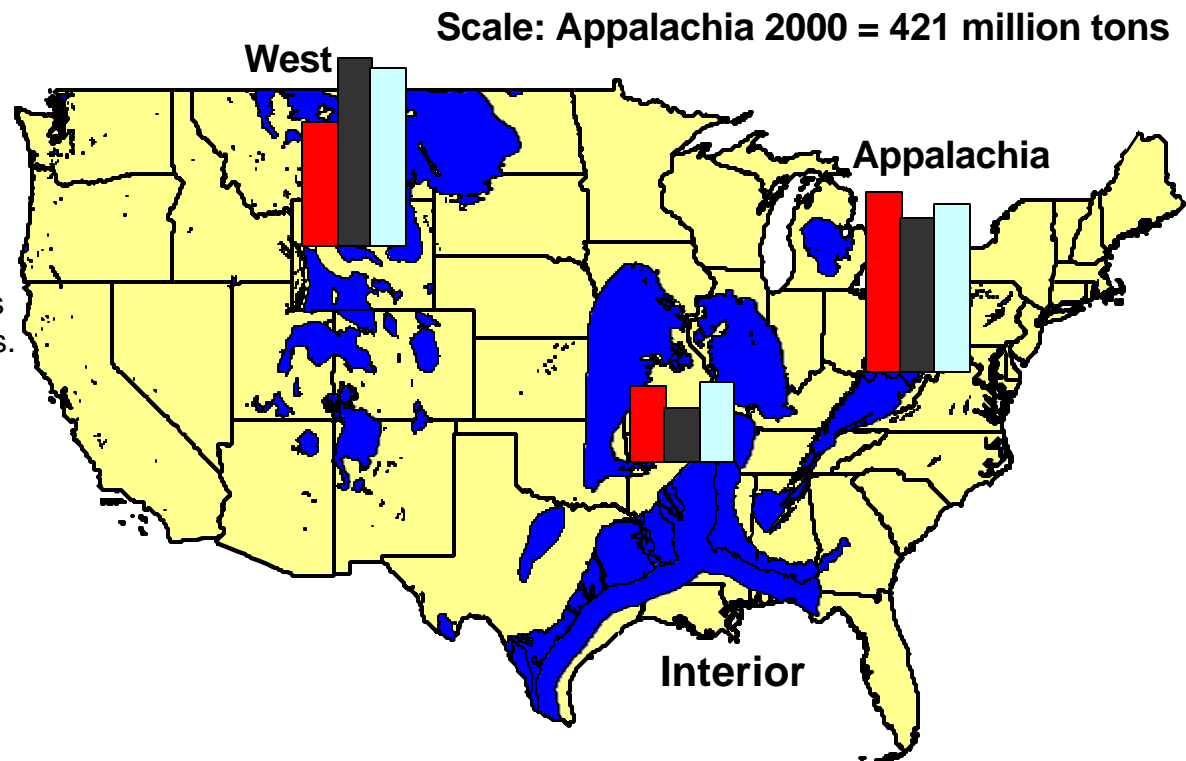
National Coal Production in 1990 and 2000 and Projected Under the Clear Skies Initiative in 2020



+ 2020 projections are EPA estimates, EIA's modeling would likely show different impacts.



* In 1990, EIA did not report the coal produced for power generators. From 1998-2000 85% of coal produced was for the power generation sector. For an estimate of coal produced for the power generation sector in 1990, EPA used the same percentage (85%).



Data sources:

1990 data: Coal Industry Annual 1994, Table 4 (DOE/EIA-0584(2000)).

2000 data: Coal Industry Annual 2000, Table 4 and Table 63 (DOE/EIA-0584(2000)), January, 2002

2020 Production for the Power Generation Sector: Derived from the Integrated Planning Model. 2020 Projections assume the presumptive Phase II caps are in place.

2020 Production for Other Sectors: Derived from the National Energy Modeling System

National Coal Production in 1990, 2000 and 2020 by Coal Supply Region

National Coal Production in 1990 and 2000, and Projected in 2020 Under the Clear Skies Initiative (million tons)			
	1990	2000	2020 – Clear Skies Initiative
Appalachia	489	421	461
Interior	206	145	214
West	334	510	481
TOTAL	1,029	1,076	1,155

Notes:

- 2020 coal production projections assume the Phase II caps are in place.
- 2020 projections are EPA estimates. EIA's modeling would likely show different impacts.
- Columns may not sum due to rounding.

- Enactment of Clear Skies will result in a slight increase in the number of coal mining jobs projected in 2020 relative to not enacting Clear Skies.

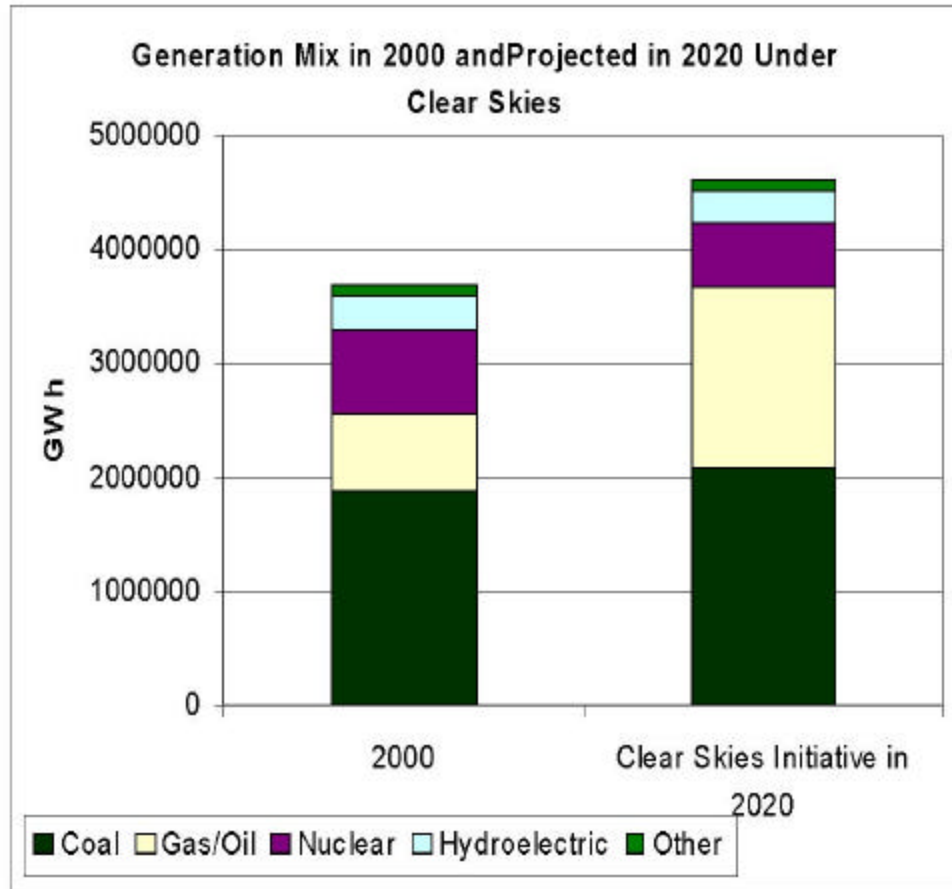
* Data sources:

1990 data: Coal Industry Annual 1994, Table 4 (DOE/EIA-0584(1994))

2000 data: Coal Industry Annual 2000, Table 4 (DOE/EIA-0584(2000)), January, 2002

2020 Production Under Clear Skies: Derived from the Integrated Planning Model and the National Energy Modeling System.

Electricity Generation Under the Clear Skies Initiative



Notes: 2020 generation projections assume the Phase II caps are in place. 2020 projections are EPA estimates. EIA's modeling would likely show different impacts.

- **Fuel diversity is maintained under the Clear Skies Initiative**
 - In 2020 under Clear Skies, 45% of all electricity generation will come from coal.
- **Without legislation, generation from coal would likely be a smaller portion of the total fuel mix in 2020.**
 - To plan their compliance, coal-fired sources need:
 - Adequate lead time, and
 - regulatory certainty